

FIG. 1

F100 20f6

Meter Record

- Device ID
- License ID
- Transaction ID.
- Ascending register
- Descending register
- Date of last refill
- Origin ZIP code
- Piece Count
- Meter encrypted private key
- Cryptographic module signature

FIG. 2

Indicium Request

- Device ID
- Postage Amount
- Rate Category
- Destination address data

Cryptographic Module 22

Nonvolatile Memory

- Device ID
- Device signing key
- Device encryption key
- Audit data

Total postage

Piece Count

Postage per ZIP

Transaction per ZIP

Error correction code

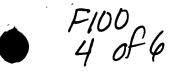
Encryption Engine 28

Controller 30

Communication port to server

<u>32</u>

FIG.4



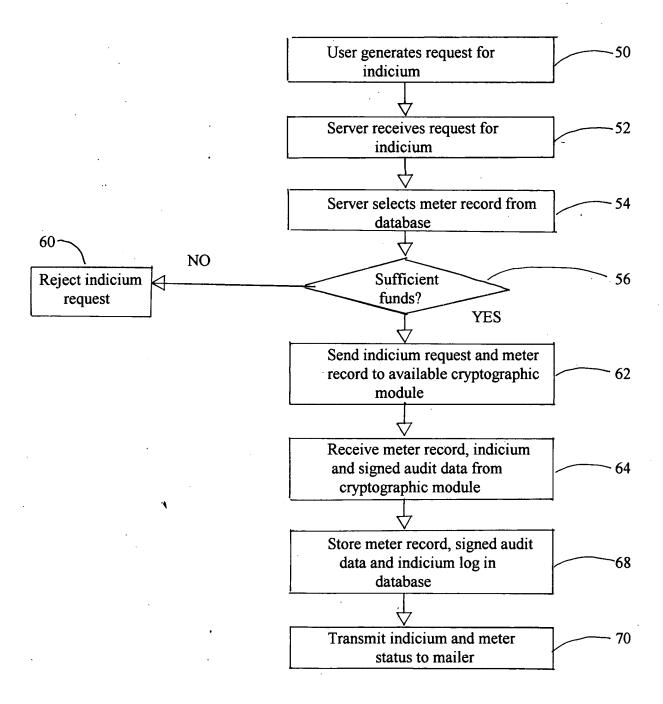


FIG. 5

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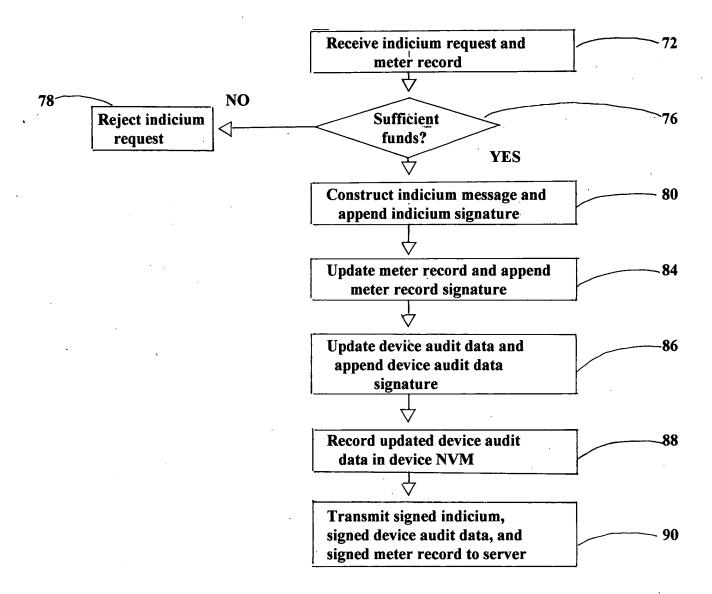


FIG. 6

F100 40f6

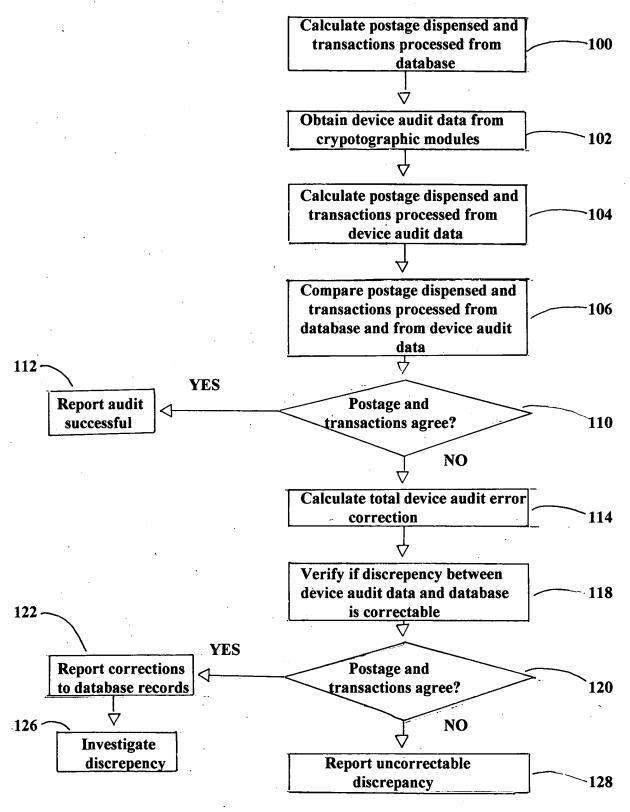


FIG. 7